

Application No. 09/723,633
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A print job control system on a network system, comprising:

an image-forming apparatus, which comprises:

an image reading section to generate first image data
5 by optically scanning a document including a plurality of pages
and conducting an optoelectronic converting operation,

a first memory to store said first image data, header
data corresponding to a property of said first image data, and
job data corresponding to a property of an image-forming job
10 ~~including of said first image data generated from a plurality of
pages of said document,~~

an image-forming section to form images based on said
first image data stored said first memory, and

a first network interface to bilaterally transmit said
15 first image data between said first memory and a network of said
network system; and

a computer, which comprises:

a second network interface,

a second memory, and

20 a control section to control an operation for storing
data, received through said second network interface, in said
second memory;

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wherein said control section creates a directory
corresponding to said first image data, said header data and said
25 job data in said second memory, and stores in said directory a
job management file created based on said header data and said
job data, ~~each of which corresponds to said image-forming job,~~
and second image data generated by converting said first image
data, ~~and corresponding to said image-forming job, in said~~
30 ~~directory~~

wherein said control section transfers said second image
data and said job management file, which are stored in said
directory, to said image-forming apparatus through said second
network interface in a unit of said image-forming job.

2. (Currently Amended) The print job control system of
claim 1, wherein ~~, with regard to said image-forming job, each of~~
said job management file and said second image data ~~is~~ are
independently stored in said directory by said control section.

3. (Currently Amended) The print job control system of
claim 1, wherein said computer further comprises an image data
editing section, and said second image data is formed ~~in such a~~
~~format that to be~~ editable by said image data editing section ~~can~~
~~edit said second image data.~~

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4. (Currently Amended) The print job control system of claim 3, wherein said image data editing section only edits said second image data, and ~~can~~ is adapted to store a third image data, which is generated by editing said second image data, in said directory.

Claim 5 (Canceled).

6. (Currently Amended) The print job control system of claim 5 1, wherein said control section converts a data format of said second image data and said job management file [[,]] stored in said directory, so that said image-forming apparatus can form
5 said images based on said second image data and said job management file, before transferring ~~them~~ said second image data and said job management file to said image-forming apparatus.

7. (Currently Amended) The print job control system of claim 6, wherein said control section ~~reproduces~~ produces file data, in which said header data and said image data are connected to each other, based on said second image data and said job
5 management file, and [[,]] thereafter [[,]] transfers said file data to said image-forming apparatus.

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8. (Currently Amended) The print job control system of claim 7, wherein ~~said file data are such data that~~ said image-forming apparatus ~~can~~ is adapted to form said images based on said file data.

9. (Currently Amended) The print job control system of claim 5 1, wherein said computer comprises a monitor for ~~monitoring~~ displaying an editing process of said second image data.

10. (Currently Amended) The print job control system of claim 1, wherein said control section ~~can~~ is adapted to transmit a command signal ~~for~~ to request ~~of~~ transferring of said first image data, said header data and said job data through said second network interface to said image-forming apparatus.

11. (Original) The print job control system of claim 10, wherein said image-forming apparatus further comprises a transmitting section to transmit said first image data, said header data and said job data through said first network interface.

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12. (Currently Amended) A method for performing a bilateral data transmission and a data storing operation between an image-forming apparatus, which includes a scanner section and printer section, and a computer on a network, said method

5 ~~comprising the steps of:~~

transmitting first image data generated from a plurality of pages, header data [[,]] corresponding to a property of said first image data, and job data [[,]] corresponding to a property of an image-forming job ~~including of~~ said first image data
10 ~~generated from a plurality of pages~~, to said computer from said image-forming apparatus ~~on~~ via said network;

converting said first image data, received by said computer, to a second image data;

creating a job management file based on said header data and
15 said job data;

creating a directory corresponding to said image forming job
~~on in~~ a memory, ~~included in of~~ said computer, ~~as a unit of said image-forming job;~~ and

storing said second image data and said job management file
20 in said directory ~~as a unit of said image-forming job;~~ and

transferring said second image data and said job management file, which are stored in said directory, to said image-forming apparatus through a network interface in a unit of said image-forming job.

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13. (Currently Amended) The method of claim 12, wherein ~~7~~
~~with regard to said image-forming job, each of said job~~
management file and said second image data ~~is~~ are independently
stored in said directory ~~as independent data~~.

Claim 14 (Canceled).

15. (Currently Amended) The method of claim ~~14~~ 12, further
comprising ~~the step of~~:

converting a data format of said second image data and said
job management file ~~[[,!]]~~ stored in said directory, so that said
5 image-forming apparatus can form images based on said second
image data and said job management file, before transferring ~~them~~
said second image data and said job management file to said
image-forming apparatus.

16. (Currently Amended) The method of claim 15, further
comprising ~~the step of~~:

~~reproducing~~ producing file data, in which said header data
and said image data are connected each other, based on said
second image data and said job management file.

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17. (Currently Amended) ~~An~~ A computer readable image data
storing program, ~~being readable by a computer, comprising the~~
~~processes of for directing a computer to execute a method,~~
comorising:

5 receiving first image data generated from a plurality of
pages, header data [[,]] corresponding to a property of said
first image data, and job data [[,]] corresponding to a property
of an image-forming job ~~including of~~ said first image data
~~generated from a plurality of pages;~~

10 converting said first image data, received by said computer,
to ~~a~~ second image data;

 creating a job management file based on said header data and
said job data;

15 creating a directory ~~on~~ corresponding to said image forming
job in a memory ~~as a unit of said image forming job; and~~

 storing said second image data and said job management file
in said directory as a unit of said image-forming job; and

20 transferring said second image data and said job management
file, which are stored in said directory, to said image-forming
apparatus through a network interface in a unit of said image-
forming job.

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18. (Currently Amended) The image data storing program of claim 17, wherein said image data storing program is stored ~~in~~ on a computer readable recording medium ~~being readable by said~~ computer.

19. (Currently Amended) The image data storing program of claim 17, wherein ~~, with regard to said image forming job, each~~ of said job management file and said second image data ~~is~~ are independently stored in said directory ~~as independent data~~.

Claim 20 (Canceled).

21. (Currently Amended) The image data storing program of claim 17, said method further comprising ~~the process of:~~

converting a data format of said second image data and said job management file [1,1] stored in said directory, so that said
5 image-forming apparatus can form images based on said second image data and said job management file, before transferring ~~them~~ said second image data and said job management file to said image-forming apparatus.

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22. (Currently Amended) A computer, ~~being~~ which is
connectable to a network, comprising:

a network interface,

a memory, and

5 a control section to control an operation for storing data
[[,]] received through said network interface [[,]] in said
memory;

wherein said computer receives first image data generated
from a plurality of pages, header data corresponding to a
10 property of said first image data and job data corresponding to a
property of an image-forming job ~~including of~~ said first image
data ~~generated from a plurality of pages~~, from an image-forming
apparatus coupled to said network, and

wherein said control section creates a directory
15 corresponding to said image forming job in said memory, and
stores in said directory second image data generated by
converting said first image data, ~~said header data~~ and a job
management file created based on said header data and said job
data, and in said directory as a unit of said image forming job

20 wherein said control section transfers said second image
data and said job management file, which are stored in said
directory, to said image-forming apparatus through said network
interface in a unit of said image-forming job.

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23. (Currently Amended) The computer of claim 22, wherein
~~, with regard to said image-forming job, each of said job~~
management file and said second image data ~~is~~ are independently
stored in said directory ~~as independent data~~.

Claim 24 (Canceled).

25. (Currently Amended) The computer of claim ~~24~~ 22,
wherein said control section converts a data format of said
second image data and said job management file ~~[[,]]~~ stored in
said directory, so that said image-forming apparatus can form
5 images based on said second image data and said job management
file, before transferring ~~them~~ said second image data and said
job management file to said image-forming apparatus.